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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/521,048	08/24/2005	Markku Annala	750596.00003	6593
26710 7590 10/30/2008 QUARLES & BRADY LLP 411 E. WISCONSIN AVENUE SUITE 2040 MILWAUKEE, WI 53202-4497				
EXAMINER				
SELF, SHELLEY M				
ART UNIT		PAPER NUMBER		
3725				
MAIL DATE		DELIVERY MODE		
10/30/2008		PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/521,048

**Applicant(s)**

ANNALA, MARKKU

**Examiner**

Shelley Self

**Art Unit**

3725

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 10 July 2008.  
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-15 and 21-25 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 1-15 and 21-25 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.  
10) ☒ The drawing(s) filed on 12 January 2005 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)  
3) ☒ Information Disclosure Statement(s) (PTO/SB/00)  
Paper No(s)/Mail Date 7/10/08; 6/1/07; 1/5/07; 10/25/06; 1/12/05  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_  
5) ☐ Notice of Informal Patent Application  
6) ☐ Other: \_\_\_\_\_



## DETAILED ACTION

### *Specification*

Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

The abstract of the disclosure is objected to for the following reasons:

Exceeds 150 words

Uses legal phraseology such as *comprises, said, wherein, comprising and means for*

Correction is required. See MPEP § 608.01(b).

The disclosure is objected to because of the following informalities:

Missing Subtitles:

Background of the Invention

Summary/Objective of the Invention

Brief Description of the Drawings

Detailed Description of the Drawings

Appropriate correction is required.

### *Drawings*

The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the moving part (clms. 4, 5, 11, 25) must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference character(s) not mentioned in the description: *11* and *13*.

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference character “5” has been used to designate both *saw motor* (pg. 6, line 24) and *fastening means* (pg. 6, line 28).

Corrected drawing sheets in compliance with 37 CFR 1.121(d), or amendment to the specification to add the reference character(s) in the description in compliance with 37 CFR 1.121(b) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either “Replacement Sheet” or “New Sheet” pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-15 and 21-25 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The claims are replete with errors, rendering a clear understanding of the claimed invention highly difficult. For example with regard to claims 1 and 5 the use of the terms, "it", "their" and "them" render the claims indefinite as it is not clear what is referenced by the use of such terms; Examiner suggests clear and positive recitation with clear antecedent basis the structure/limitation(s) to what "it", "their" and "them" refer.

Regarding claims 4, 5, 11 and 25 the recitation to a "moving part" is not clear. What is the moving part? How does the moving part interrelate to the rest of the positively recited limitations? Is the "moving part" in place of the guide bar holder (clm. 5)? Examiner notes the claims states, "...fastened to the guide bar holder or a moving part..." clarification is required. Examiner further notes the originally filed disclosure supports various "moving parts" therefore a clear understanding of what part/structure/limitation is being referenced by the recitation, "moving part" can not be determined and appropriate correction is required.

With regard to claims 5-15 and 32-25 the following have not been positively recited and are recited only as a functional recitation crouched in an intended use recitation:

- guide bar
- saw chain

Failure to positively recited the structure and mechanical cooperation between the elements of the claim(s) render a clear understanding of the claimed invention difficult, i.e. it is not clear whether or not the guide bar and saw chain are being claimed.

Regarding claims 1-15 and 21-25, the word "means" is preceded by the word(s) "by" in an attempt to use a "means" clause to recite a claim element as a means for performing a specified function. However, since no function is specified by the word(s) preceding "means," it is impossible to determine the equivalents of the element, as required by 35 U.S.C. 112, sixth paragraph. See *Ex parte Klumb*, 159 USPQ 694 (Bd. App. 1967). It is not clear whether or not Applicant is invoking 35 U.S.C. 112 6th paragraph or not. Clarification is required. Examiner suggests, --means for...—

Examiner notes the above listing of 35 U.S.C. 112 2<sup>nd</sup> and 6<sup>th</sup> paragraph rejections is not conclusive. Applicant is required to review all of the claims for clarity, definiteness and positive recitation of critical working relationships between the elements. For the purposes of examination, the application has been examined as best as can be understood, however correction is required to facilitate a clear understanding of the claimed invention and proper application of the prior art.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-8, 10-15, 21, 22, 24 and 25 as best as can be understood are rejected under 35 U.S.C. 102(b) as being anticipated by Gibson (3,542,094). Gibson discloses a method and apparatus for preventing the whipping movement of a saw chain breaking during sawing

comprises driving a saw chain around a guide bar, via drive gear (40), a protective wall (20) mounted on a guide bar holder (18) therefore the protective wall moves in phase with the guide bar holder (18) such that the position of the wall and guide bar holder are maintained during operation. As a result of the location of the wall (20) and the wall's shape, i.e., U-shaped, the wall is capable of receiving the saw chain during and the tail of the broken chain during operation.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 9 and 23 as best as can be understood are rejected under 35 U.S.C. 103(a) as being unpatentable over Gibson (3,542,094). Gibson does not explicitly disclose the protective wall (20) substantially covers a sector area of 100° to 120°. It would have been obvious at the time of the invention to one having ordinary skill in the art to construct Gibson having the protective wall covering a sector area of 100° to 120° because it has been held where the general conditions of a claim are disclosed in the prior art, discovering the optimum or workable ranges involves only routine skill in the art. See *In re Aller*, 105 USPQ 233.



***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shelley Self whose telephone number is 571-272-4524. The examiner can normally be reached on 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Derris Banks can be reached on 571-272-4419. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Shelley Self/  
Primary Examiner, Art Unit 3725

SS  
October 27, 2008